

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Sunday, December 31st 2017
As of 0900 CST

Incidents Reported to the State Operations Center (last 24 hours)

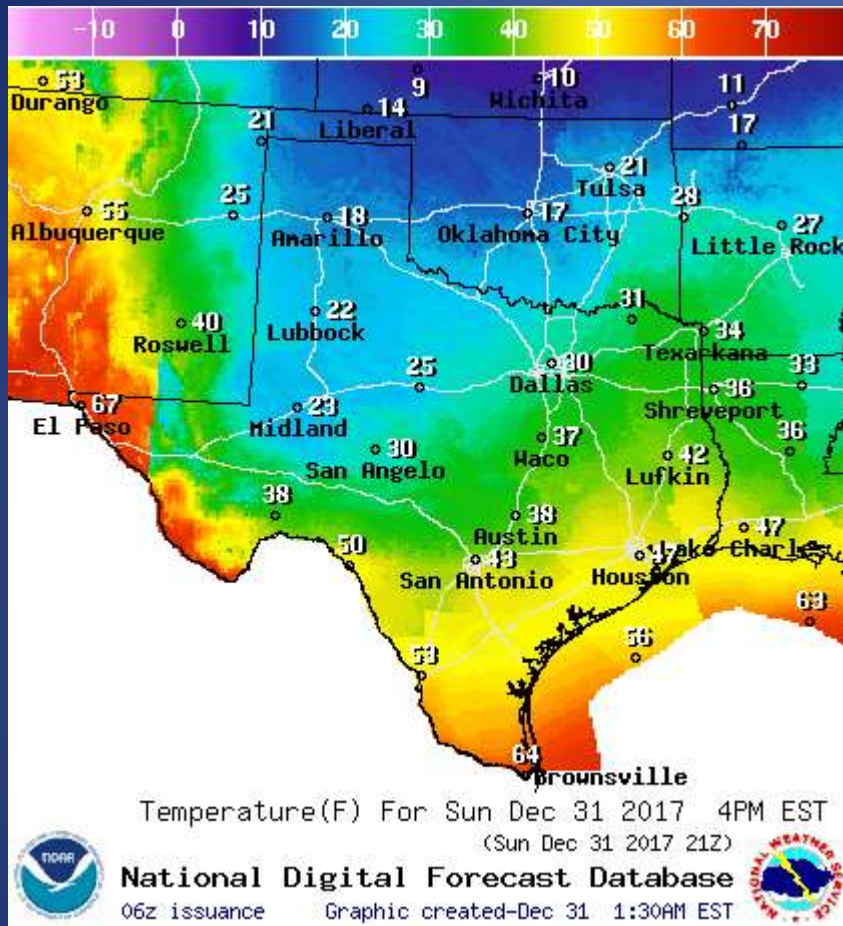
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
12/30/17	Initial Report of a Road Closure (IH 45)	Ellis County	N
12/30/17	Final Report of a Road Closure (IH 45)	Ellis County	Y

Informational Products

Distributed by the State Operations Center

DATE	SUBJECT
12/30/17	NWS Fort Worth- UPDATE: Winter Precipitation and Cold Weather Potential
12/30/17	NWS San Angelo- Winter Weather Advisory
12/30/17	NWS Lubbock- Hazardous Weather Update- Colder Temperatures/Winter Weather, Dec. 30-31, 2017
12/30/17	NWS Shreveport- Hard Freeze Watch in effect for Sunday night through Wednesday morning
12/30/17	NWS Austin/San Antonio- Saturday Afternoon Weather Update....Arctic Air is almost here
12/30/17	NWS Houston/Galveston- Forecast Update - New Year's Cold Snap
12/30/17	NWS Brownsville- New Year's Weather Update: "Cold Case" (Weather) Scenarios Looking More Likely from NYE through January 3rd
12/31/17	NWS Midland- Brief - Winter Weather for New Year's
12/31/17	NWS Houston/Galveston- Cold Weather to Persist
12/31/17	NWS Shreveport- Hard Freeze Warning/Wind Chill Advisory in Effect Area Wide Tonight
12/31/17	Daily NWS Threat Brief for Sunday, December 31, 2017 for FEMA Region 6

Weather Forecast

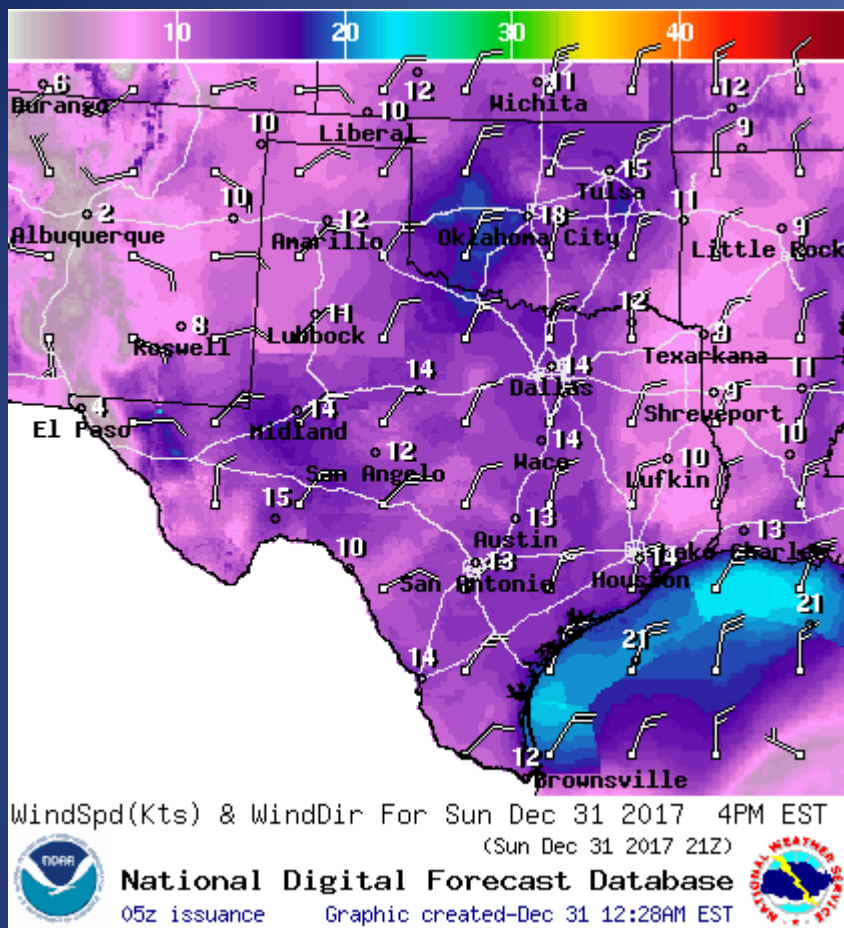


Highs

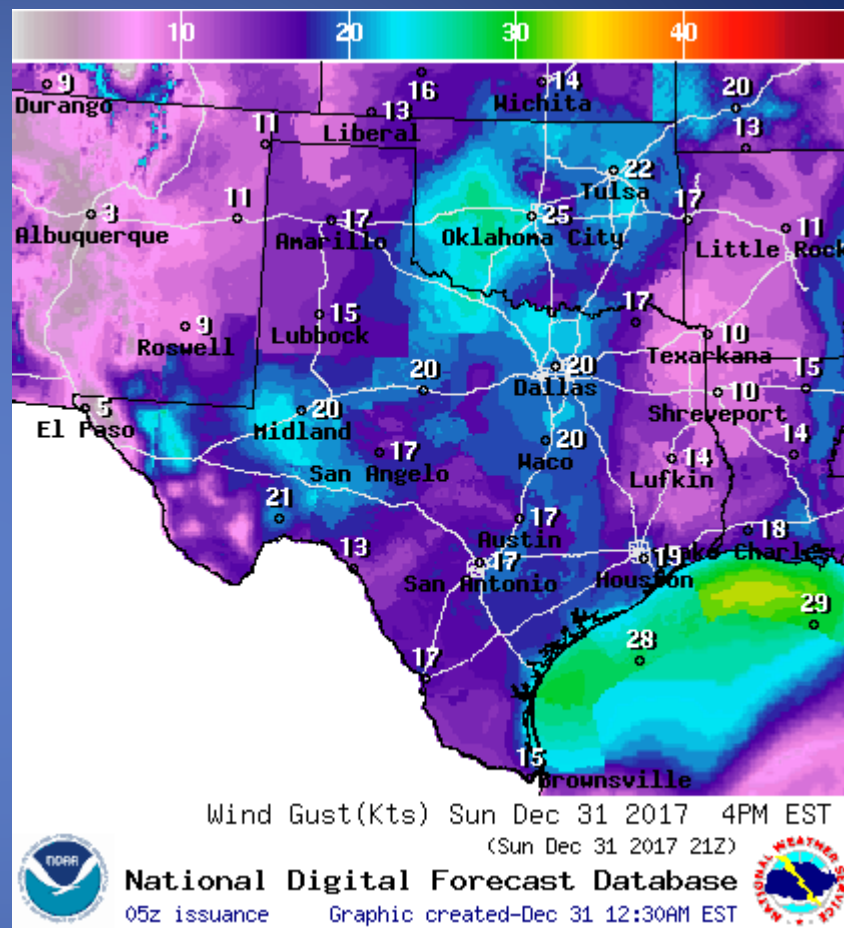


Lows

Weather Forecast



Wind Speeds



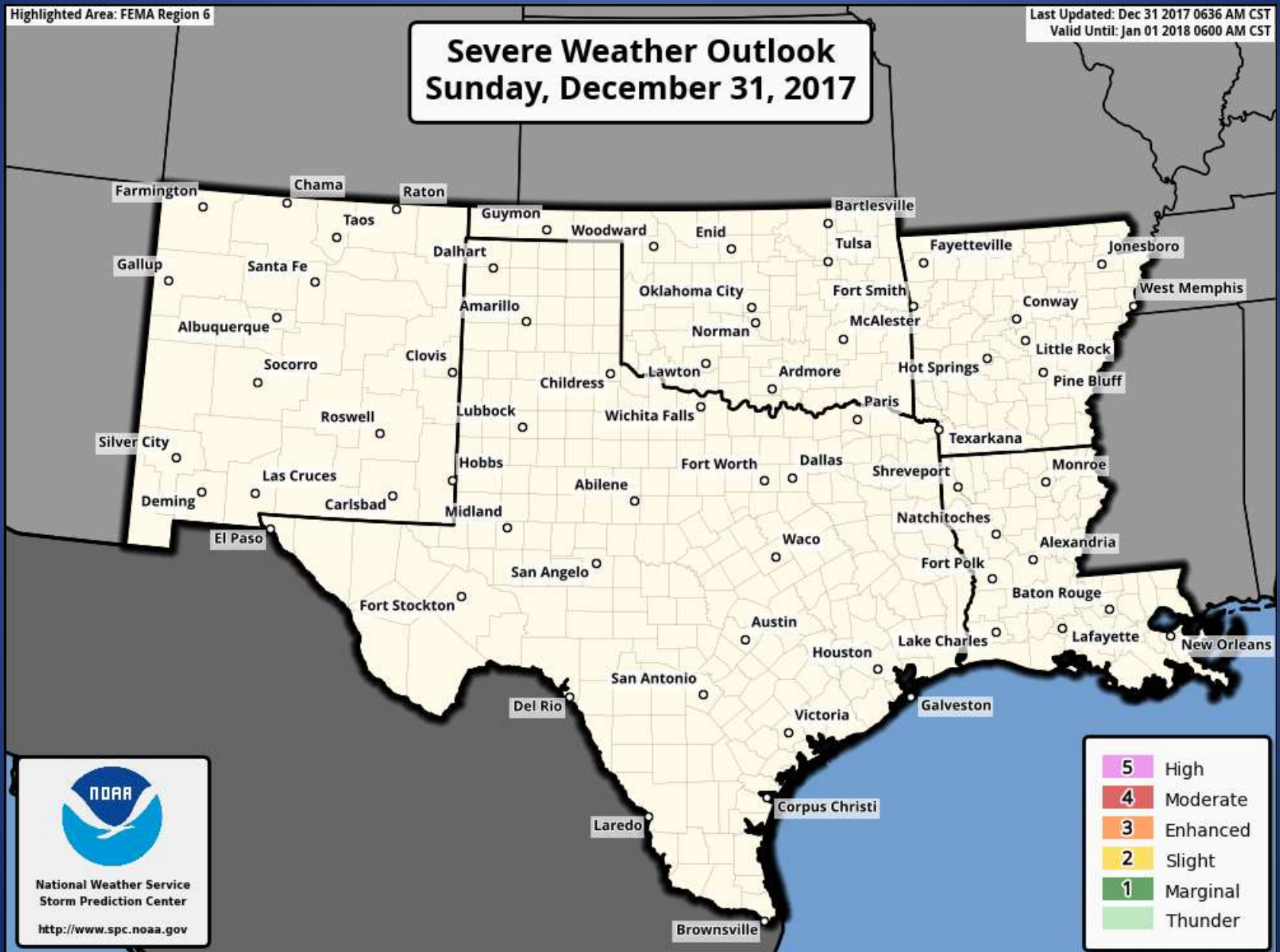
Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Dec 31 2017 0636 AM CST
Valid Until: Jan 01 2018 0600 AM CST

Severe Weather Outlook Sunday, December 31, 2017



Hazardous Weather

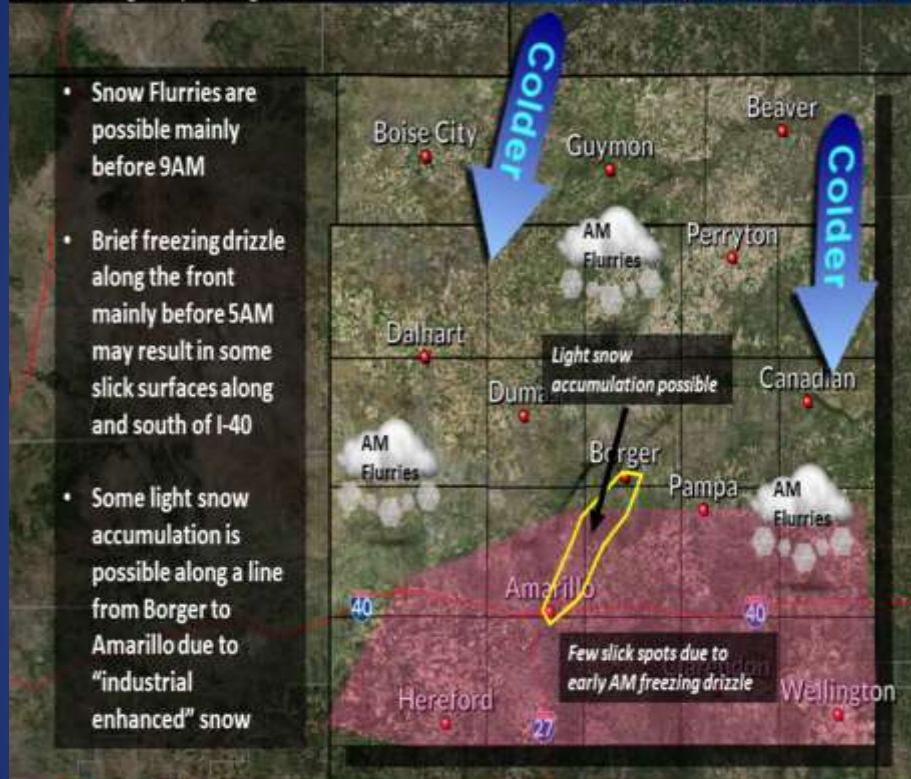
Light Winter Precipitation

Weather Forecast Office
Amarillo, TX



Possible through early morning hours

Issued Dec 31, 2017 3:38 AM CST



NWSAmarillo

weather.gov/ama

A few slick spots are possible mainly along and south of I-40 where a brief round of freezing drizzle occurred. Most of the freezing drizzle has switched over to snow flurries as of 4 AM. Some light snow accumulation is possible along a line from Borger to northeast Amarillo due to "industrial enhanced" snowfall. Snow accumulations are not expected to be over an inch.

Sunday Morning... Linger Light Wintery Precip

Weather Forecast Office
Norman, OK



Very light snow or flurries, possibly mixed with light freezing drizzle

Issued December 31, 2017 6:45 AM CDT



Impacts:


- Slick spots on roads from overnight precipitation.
- Hazardous driving conditions still possible through the morning.
- Precipitation is expected to end by late morning or midday.

@NWSNorman

weather.gov/norman

Snow flurries will continue through mid morning across portions of the area. Very light snow and possibly freezing drizzle will linger through mid morning across southern Oklahoma and western north Texas. No additional accumulation is expected but overnight precipitation resulted in some slick spots on roads, so if you plan to travel this morning use caution.

Hazardous Weather



Winter Weather Advisory

National Weather Service – Lubbock, Texas



Counties included in the Advisory shaded in purple



What

- Freezing Drizzle
- Freezing Fog
- Light Snow



Timing

- Persisting through Sunday morning

Impacts

- Icy roads and areas of dense fog will cause hazardous travel conditions

Road Conditions

TX: 800-452-9292
drivetexas.org

WINTER WEATHER ADVISORY UNTIL NOON SUNDAY

- Freezing drizzle and snow flurries will continue overnight through Sunday morning.
- Freezing fog may also drop visibilities to ¼ mile or less

www.weather.gov/lubbock

Winter Weather Advisory in effect until Noon CST Sunday for the entire South Plains area of West Texas. Freezing drizzle will increase in coverage tonight through early Sunday morning. A thin glaze of ice is likely on some roads, bridges, cars, trees, and sidewalks. Very light snow may also occur Sunday morning with up to a dusting possible.

Winter Weather Advisory

Through mid afternoon today

Weather Forecast Office
Midland/Odessa, TX

Issued December 31, 2017 1:52 AM CT



Winter Weather Advisory across the Permian Basin, Western Low Rolling Plains, Upper Trans Pecos, and Lea County.

Ice Accumulations...

- + Freezing drizzle and freezing fog will create a light glaze on exposed surfaces and roads.

Impacts...

- + Roads could become slick making driving hazardous.
- + Slick sidewalks may cause slips and falls.

Preparedness Actions...

- + Prepare for icy driving conditions by reducing speeds and allow for longer stopping distances.



f t y NWSMidland

weather.gov/maf

Patchy freezing drizzle and fog along with light freezing rain and snow are expected to occur through mid afternoon across the Permian Basin, Western Low Rolling Plains, Upper Trans Pecos, and Lea County. A Winter Weather Advisory is in effect for this area through mid afternoon. Areas of dense fog are also possible.

Hazardous Weather

Winter Weather Advisory

From mid afternoon today through tonight

Weather Forecast Office
Midland/Odessa, TX
Issued December 31, 2017 1:52 AM CT



Winter Weather Advisory across areas south and west of the Pecos River and Eddy County.

Ice Accumulations...

+ Freezing drizzle and freezing fog will create a light glaze on exposed surfaces and roads.

Impacts...

+ Roads could become slick making driving hazardous.
+ Slick sidewalks may cause slips and falls.

Preparedness Actions...

+ Prepare for icy driving conditions by reducing speeds and allow for longer stopping distances.



f t NWSMidland

weather.gov/maf

A Winter Weather Advisory is in effect for areas south and west of the Pecos River from mid afternoon today through tonight. Freezing fog, freezing drizzle, along with possible freezing rain and sleet are expected.

Icy Conditions Today

Winter Weather Advisory in Effect

Temperatures by 3 PM

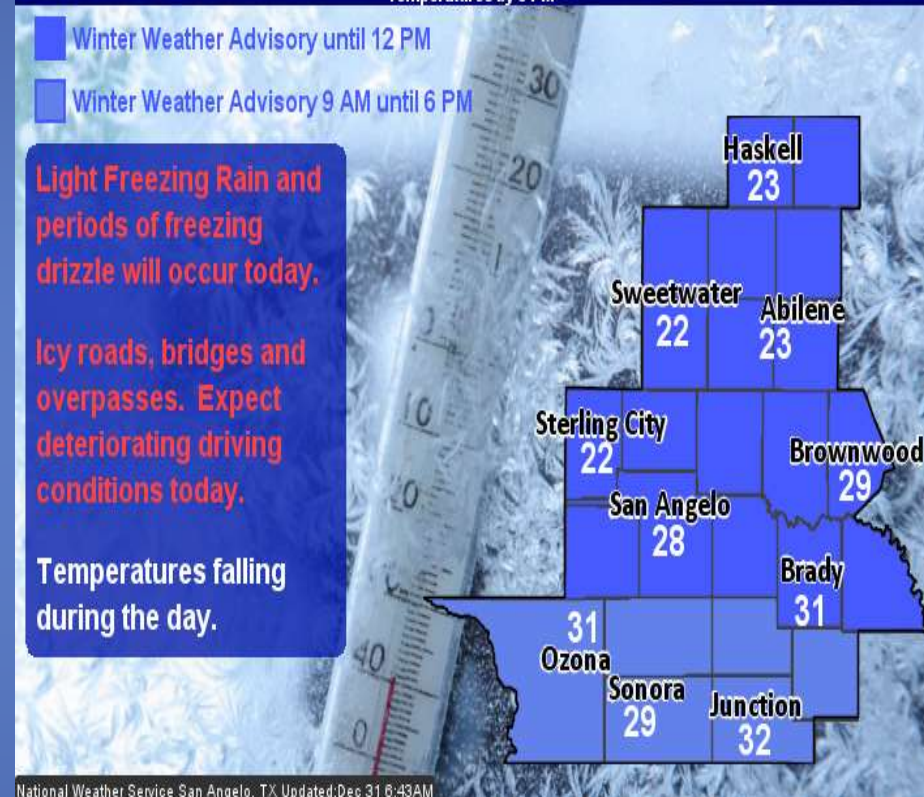
Winter Weather Advisory until 12 PM

Winter Weather Advisory 9 AM until 6 PM

Light Freezing Rain and periods of freezing drizzle will occur today.

Icy roads, bridges and overpasses. Expect deteriorating driving conditions today.

Temperatures falling during the day.



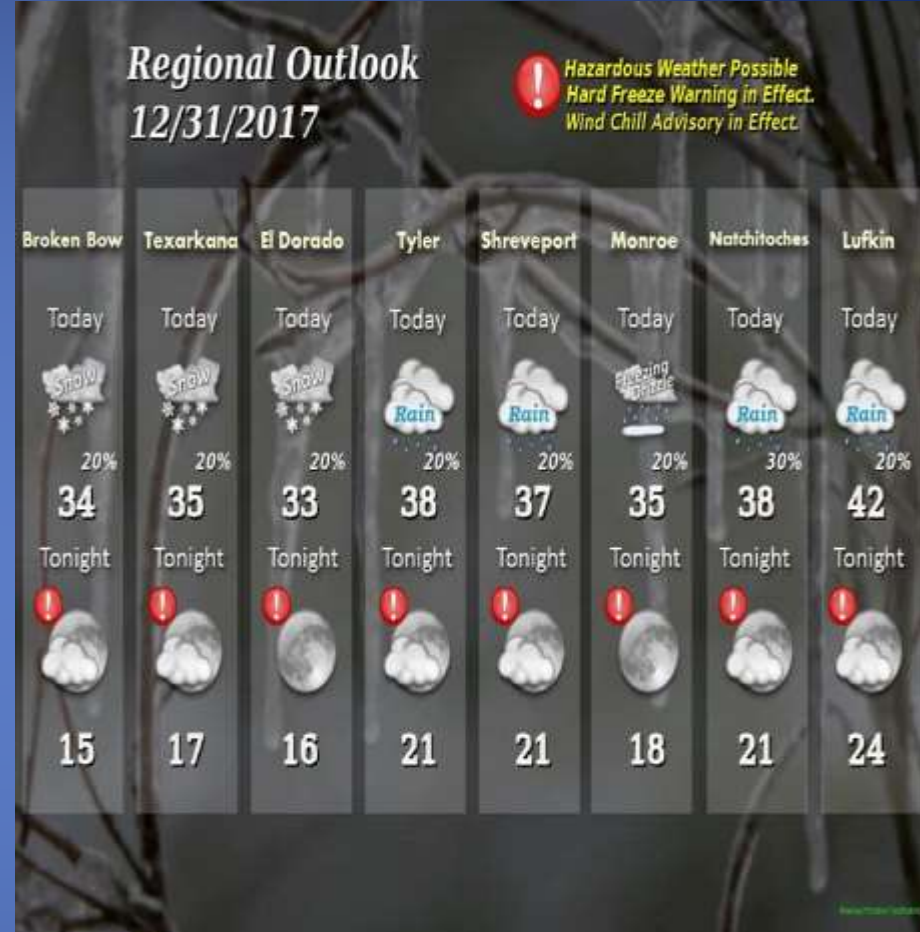
National Weather Service San Angelo, TX Updated: Dec 31 6:43AM

Light freezing rain and periods of freezing drizzle will occur today. Temperatures will fall during the day, with afternoon readings in the 20s for much of the area. Expect deteriorating driving conditions today as roadways become slick and hazardous. Don't travel unless you need to.

Hazardous Weather



A mix of freezing drizzle and light snow is expected this morning in the pink shaded area. Some icy spots are possible, especially on bridges and overpasses which may lead to hazardous travel. A mix of freezing drizzle and drizzle is possible in the beige shaded area with little or no ice accumulation expected. Temperatures will remain above freezing southeast of a Lampasas to Waco to Canton line through early afternoon which means just drizzle is expected there with no impacts.

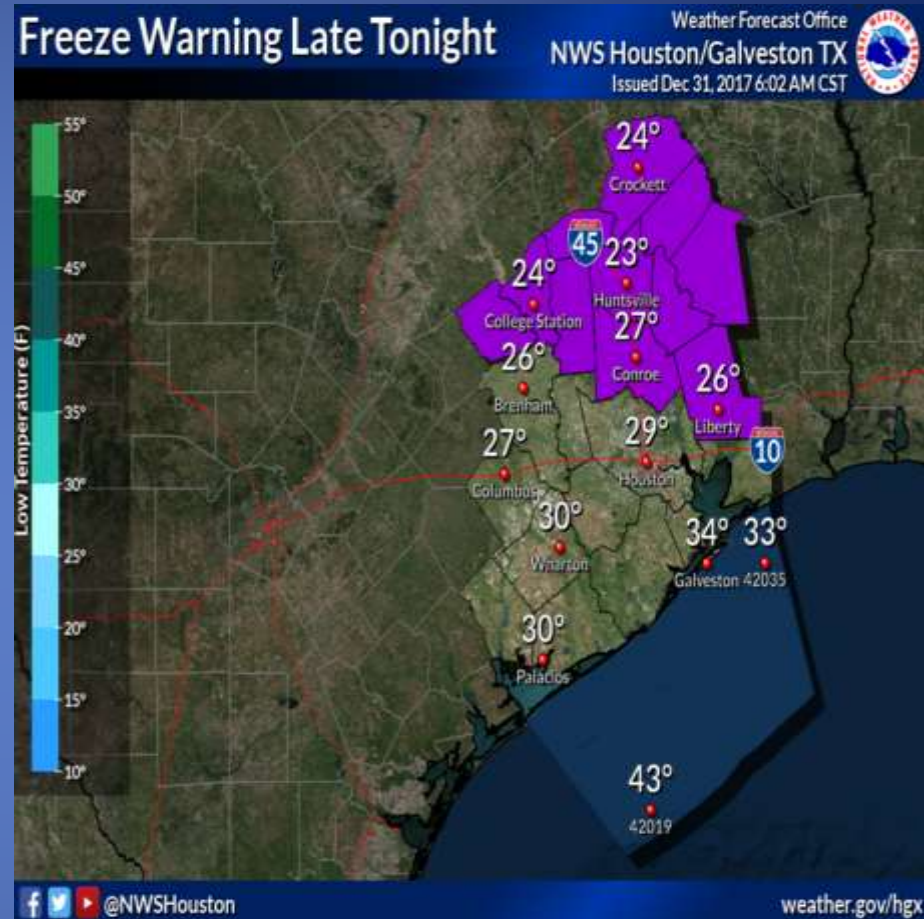


Cloudy and cold conditions will continue today, with isolated pockets of light freezing drizzle and light snow possible this morning across portions of extreme Northeast Texas. Isolated pockets of light drizzle and light rain will be possible farther south across much of East Texas. A Hard Freeze Warning is in effect area wide tonight. In addition, north winds 10-15 mph tonight will result in dangerously cold wind chills ranging from 0 to 10 above across Northeast Texas and ranging from 10-15 degrees across Deep East Texas. A Wind Chill Advisory is in effect area wide tonight through Monday morning.

Hazardous Weather



Arctic air will move into South Central Texas Sunday and send temperatures below freezing by Sunday night. There may be enough moisture to allow for some freezing drizzle, which could become a hazard for driving, especially on elevated surfaces like bridges and overpasses. Wind chill values will fall into the single digits in the Hill Country and the teens as far south as I-10.



Areas shaded in purple will endure low temperatures tonight that will likely fall below 25 degrees for about 4-6 hours. A Hard Freeze Warning is in effect.

Hazardous Weather



Temperatures will gradually decrease throughout today behind a cold front moving through this morning. High temperatures are occurring this morning, and we'll be in the 40s by this evening. Light rain or drizzle is possible.



Inclement weather will be expected on New Year's Eve night in the wake of the passage of a strong cold front featuring cold, damp and windy conditions across all of deep south Texas. Please plan accordingly. Have a safe and happy new year!

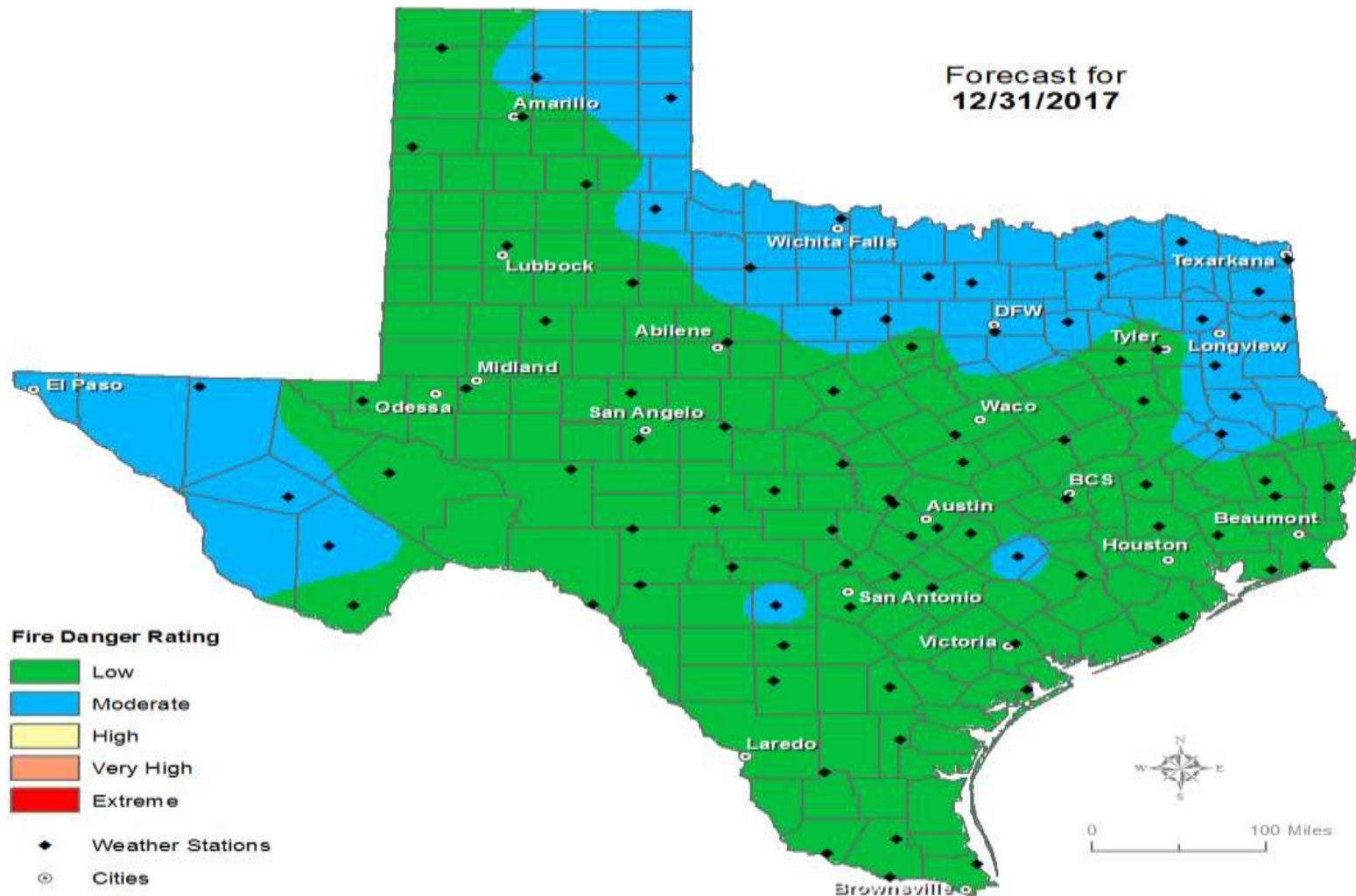
Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
12/30/17	High Wind Warning Remains in Effect	Guadalupe Pass
12/31/17	Hard Freeze Warning	Angelina, Bowie, Brazos, Burleson, Camp, Cass, Cherokee, Franklin, Gregg, Grimes, Harrison, Houston. Liberty, Madison, Marion, Montgomery, Morris, Nacogdoches, Panola, Polk, Rusk, San Augustine, San Jacinto, Shelby, Smith, Titus, Trinity, Upshur, Walker and Wood Counties

Fire Danger Forecast

Forecast Fire Danger

Forecast for
12/31/2017



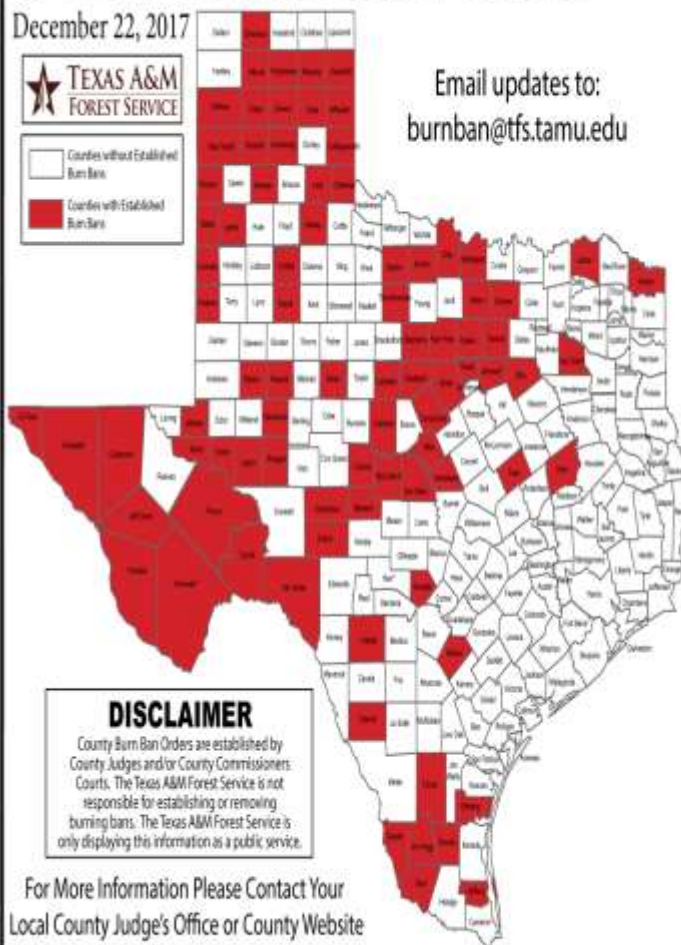
Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

December 22, 2017



Email updates to:
burnban@tfs.tamu.edu



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfsrtp.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 86

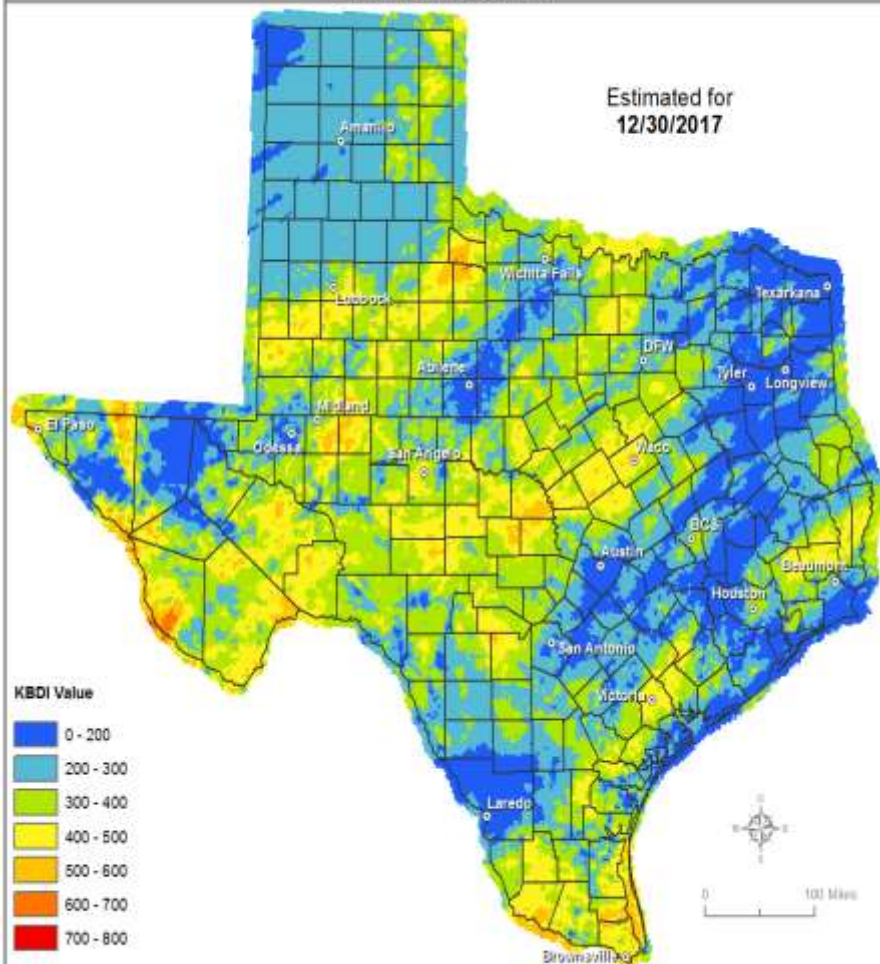
Ascher
Armstrong
Bailey
Baylor*
Brewster
Brooks
Callahan
Carson
Childress
Clay
Cochran
Coleman
Collingsworth
Comanche
Concho
Cooke
Crosby
Culberson
Deaf Smith
Denton
Dimmit
Donal
Eastland
El Paso
Ellis
Ector
Falls
Garza
Glasscock
Gray
Hall
Hemphill
Hood
Howard
Hudspeth
Hutchinson
Jeff Davis
Jim Hogg
Johnson*
Kendall
Kleberg
Lamar
Lamb
Lampasas
Leon
Martin
McCulloch
Merand
Mills

* Burn Ban is effective during select Flag Warning days
* Burn Ban is effective year-round with County for specific

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
12/30/2017



KBDI Value

0 - 200
200 - 300
300 - 400
400 - 500
500 - 600
600 - 700
700 - 800

TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 883 (no change) fires and 664,392 (no change) acres destroyed this year. There are 86 (no change) counties with burn bans. The Keetch-Byram Drought Index list 27 (no change) counties with an average over 400.

